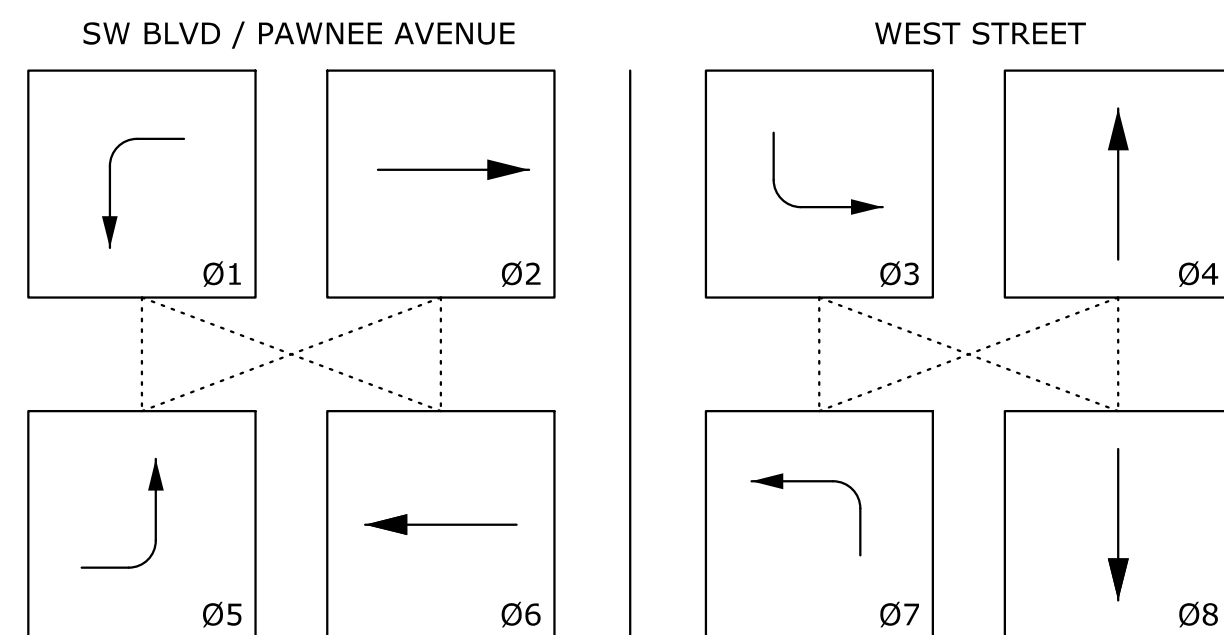


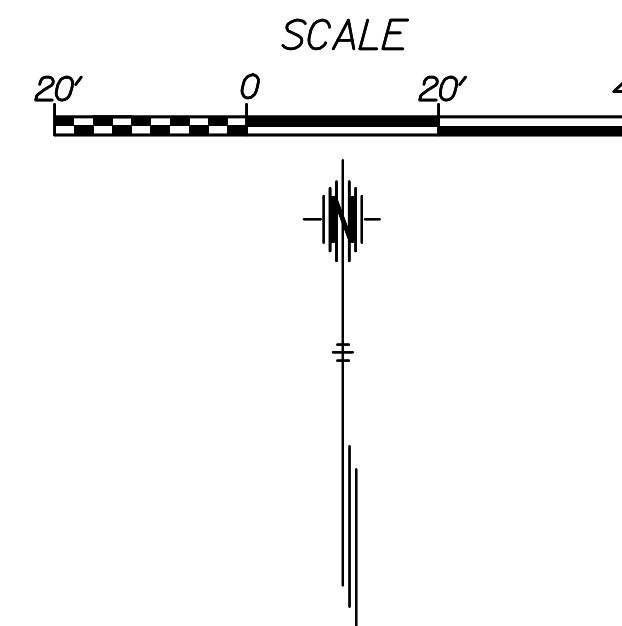
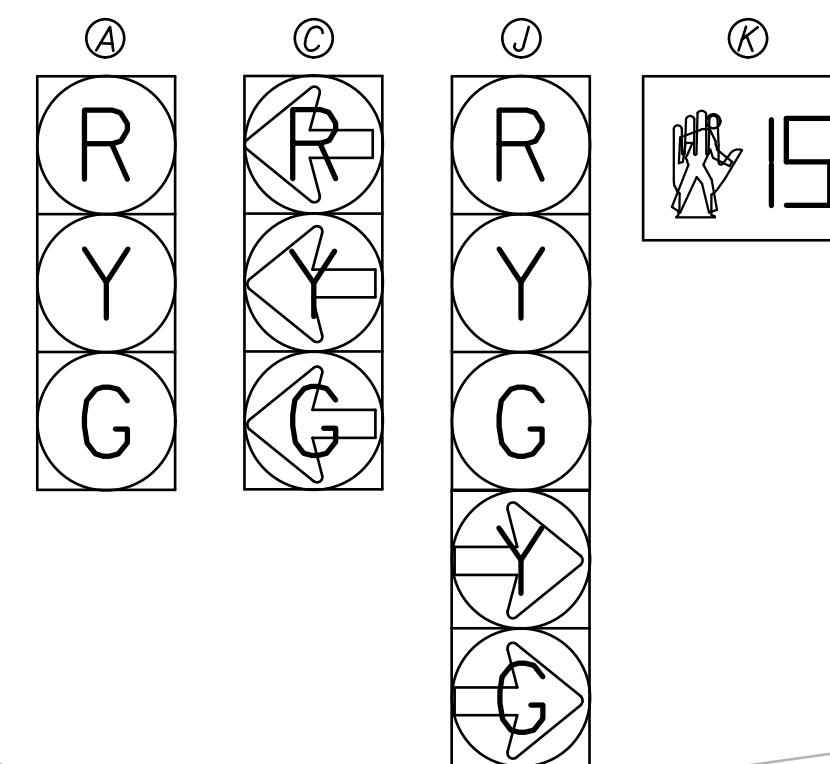
### PHASE DIAGRAM



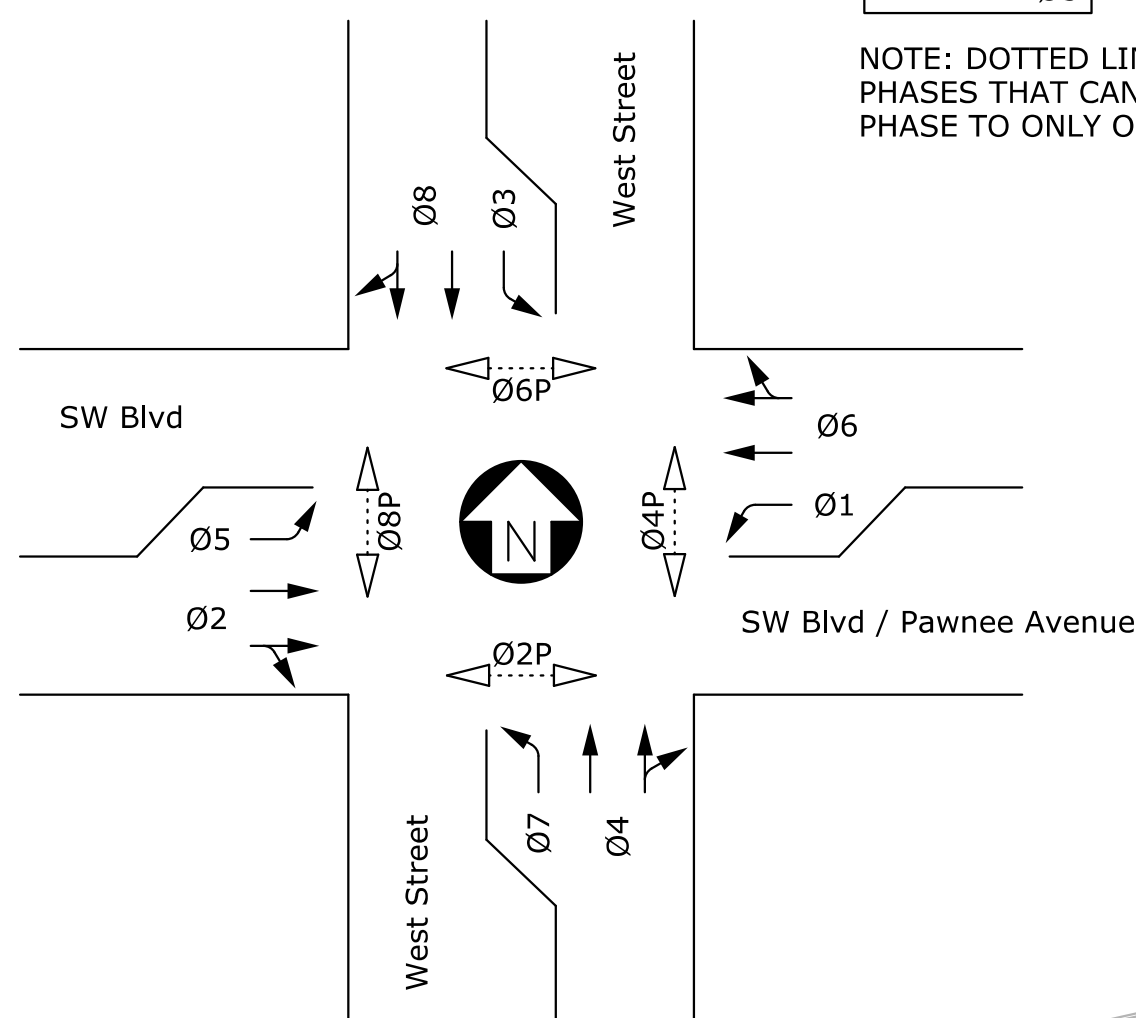
NOTE: DOTTED LINES CONNECTING PHASES INDICATE PHASES THAT CAN OCCUR CONCURRENTLY. PEDESTRIAN PHASE TO ONLY OCCUR AFTER PUSH BUTTON ACTIVATION.

### SIGNAL FACES

NOTE: ALL LENSES SHALL BE 12" L.E.D. PEDESTRIAN LENSES SHALL BE 16" AND BE COUNTDOWN SIGNALS.



### SIGNAL PHASES



- GENERAL NOTES:**
1. CONDUIT RUNS ARE APPROXIMATE & MAY BE FIELD ADJUSTED TO CLEAR OBSTRUCTIONS & FACILITATE WIRING, AS APPROVED BY THE ENGINEER. ALL CONDUIT RUNS SHALL BE STRAIGHT BETWEEN BOXES AND/OR FOUNDATIONS.
  2. EXISTING FEATURES & UTILITIES ARE SHOWN FROM AVAILABLE INFORMATION & SHOULD BE CONSIDERED APPROXIMATE ONLY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY UTILITIES & THEIR EXACT LOCATION PRIOR TO CONSTRUCTION.
  3. SEE "TRAFFIC SIGNAL INSTALLATION DETAIL SHEET" (TR-105) FOR SIGN SPACING AND ADDITIONAL DETAILS.
  4. SEE PAVEMENT MARKING AND SIGNING SHEETS FOR PAVEMENT MARKING DETAILS.
  5. THE CONCRETE PAD FOR THE CONTROLLER CABINET SHALL BE FLUSH AND CONTINUOUS WITH THE ADJACENT SIDEWALK FOR EASY ACCESS.
  6. ALL POLES AT THE INTERSECTION SHALL INCLUDE A VALMONT MITIGATOR TR1 VIBRATION DAMPER. THE LOCATION AND INSTALLATION OF THE MITIGATOR WILL FOLLOW MANUFACTURER'S RECOMMENDATIONS.
  7. TEMPORARY TRAFFIC SIGNAL SHALL BE REQUIRED DURING ALL PHASES OF CONSTRUCTION AND SHALL BE IN-PLACE PRIOR TO START OF PHASE 1. ALL EXISTING SIGNAL EQUIPMENT AND MATERIAL SHALL BE SALVAGED AND RETURNED TO THE CITY OF WICHITA IN GOOD CONDITION. THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER FOR THE TEMPORARY SIGNAL POLE LOCATIONS, SIGNAL TIMINGS, AND PHASING AT THE TIME OF CONSTRUCTION AND AT LEAST TWO (2) WEEKS PRIOR TO INSTALLATION. RELOCATION OF TEMPORARY SIGNAL HEADS SHALL BE REQUIRED DURING CONSTRUCTION. ALL WORK FOR THE TEMPORARY TRAFFIC SIGNAL INSTALLATION AND OPERATION THROUGH ALL PHASES OF CONSTRUCTION SHALL BE PAID FOR UNDER THE LUMP SUM BID ITEM "TEMPORARY TRAFFIC SIGNAL (SOUTHWEST BOULEVARD)".

SERVICE BOX LOCATIONS					
BOX NO.	STATION	OFFSET	NORTHING	EASTING	**ELEV.
1	1078+54.04	49.17 RT.	1672854.64	1634191.90	1295.15
2	1078+35.55	62.43 RT.	1672838.93	1634175.43	1295.05
3	1076+86.58	61.87 RT.	1672818.72	1634028.00	1294.74
4	1076+82.18	80.71 LT.	1672959.18	1634003.12	1294.95
5	1077+24.47	109.82 LT.	1672993.99	1634041.40	1295.47
6	1078+71.34	107.48 LT.	1673012.18	1634187.16	1295.69
7	1078+69.85	123.33 LT.	1673027.65	1634183.48	1295.97

STRUCTURE LOCATIONS						
POLE NO.	*TYPE	STATION	OFFSET	NORTHING	EASTING	**ELEV.
1	POLE	1078+79.40	46.10 RT.	1672861.22	1634216.58	1295.17
2	PED	1078+49.32	57.66 RT.	1672845.57	1634188.41	1295.18
3	PED	1078+32.48	67.44 RT.	1672833.54	1634173.09	1295.01
4	PED	1078+24.44	91.83 RT.	1672808.27	1634168.53	1295.13
5	POLE	1076+87.08	73.98 RT.	1672806.79	1634030.19	1294.60
6	PB STA	1076+89.62	68.71 RT.	1672812.35	1634031.82	1294.67
7	POLE	1076+84.94	88.59 LT.	1672967.40	1634004.89	1295.30
8	PED	1077+10.52	103.92 LT.	1672986.21	1634028.42	1295.49
9	PED	1077+27.47	124.86 LT.	1673009.30	1634042.28	1295.75
10	PED	1078+69.19	104.69 LT.	1673009.10	1634185.43	1295.66
11	POLE	1078+60.65	133.70 LT.	1673036.64	1634172.93	1295.87
12	PED	1078+54.86	122.83 LT.	1673025.07	1634168.7	1295.72
13	PED	1076+82.42	57.74 RT.	1672822.23	1634023.48	1294.42
14	PB STA	1077+04.94	76.46 RT.	1672806.82	1634048.06	1294.59
Meter	-	1078+74.44	133.83 LT.	1673038.69	1634186.56	1296.10
Cont.	-	1078+74.43	128.94 LT.	1673033.85	1634187.24	1296.01

**TRANSYSTEMS**  
 245 N. WACO  
 SUITE 222  
 WICHITA, KANSAS 67202  
 MAIN: 316-303-3000  
 FAX: 316-462-5629

CONSULTANTS:

WEST STREET IMPROVEMENTS FROM PAWNEE TO HARRY

WICHITA, KANSAS  
 CITY OF WICHITA

REVISIONS:	DESCRIPTION	MARK	DATE

PROJ NO: 87 N-0720-01  
 SCALE: 1"=20'  
 DATE: 9/25/2023  
 DESIGNED BY: SSP  
 DRAWN BY: KVG  
 CHECKED BY: MDB

SHEET TITLE:  
**TRAFFIC SIGNAL IMPROVEMENTS WEST STREET & PAWNEE AVE**

SHEET NO.  
**303**  
 SHEET 303 OF 517